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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- (currently amended): An isolated protein having an endoglucanase activity, and derived obtained from a microorganism belonging to genus <u>Staphylotrichum</u>.
 - 2. (currently amended): The isolated protein according to claim 1, having
 - (A) an encoglucanaseendogluconase activity, and
 - (B) the amino acid sequence of SEQ ID NO: 1 at the N-terminus thereof.
 - 3. (currently amended): The isolated protein according to claim 2, having
 - (A) an encoglucanase activity,
 - (B) the amino acid sequence of SEO ID NO: 1 at the N-terminus thereof, and
- (C) an average molecular weight of 49 kD, determined by a sodium dodecyl sulfatepolyacrylamide gel electrophoresis.
 - (currently amended): The isolated protein according to claim 2, having
 - (A) an encoglucanase activity.
 - (B) the amino acid sequence of SEQ ID NO: 1 at the N-terminus thereof, and
- (C) an average molecular weight of 45 kD, determined by a sodium dodecyl sulfatepolyacrylamide gel electrophoresis.

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(currently amended): The <u>isolated</u> protein according to claim 1, derived from

Staphylotrichum coccosporum.

(currently amended): An isolated protein selected from the group consisting of:

(a) a protein comprising the amino acid sequence of SEQ ID NO: 3,

(b) a modified protein comprising an amino acid sequence in which 1 to 30 amino acids

are deleted, substituted, inserted, or added in the amino acid sequence of SEQ ID NO: 3, and

having an endoglucanase activity, and

(eb) a homologous protein comprising an amino acid sequence having at least an 85%

homology identity with that of SEQ ID NO: 3, and having an endoglucanase activity.

7. (withdrawn and currently amended): A polynucleotide An isolated

 $\underline{polynucleotide} \ encoding \ the \ protein \ according \ to \ \underline{elaim} \ \underline{1}\underline{claim} \ \underline{6}.$

8. (withdrawn and currently amended): A polynucleotide An isolated

polynucleotide selected from the group consisting of:

(i) a polynucleotide comprising the nucleotide sequence consisting of nucleotides 64-948

of SEQ ID NO: 2, and

— (ii) a polynucleotide comprising a nucleotide sequence in which one or plural nucleotides

are deleted, substituted, inserted, or added in the nucleotide sequence consisting of nucleotides

64-948 of SEQ ID NO: 2, and encoding a protein having an endoglucanase activity, and

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(iii)(ii) a polynucleotide hybridizing under stringent conditions to a polynucleotide consisting of the nucleotide sequence consisting of nucleotides 64-948 of SEQ ID NO: 2, and

encoding a protein having an endoglucanase activity.

9. (withdrawn): An expression vector comprising the polynucleotide according to

claim 7.

10. (withdrawn): A host cell transformed with the expression vector according to

claim 9.

11. (withdrawn): The host cell according to claim 10, wherein the host is a yeast or

a filamentous fungus.

12. (withdrawn): The host cell according to claim 11, wherein the yeast is a

microorganism belonging to genus Saccharomyces, Hansenula, or Pichia.

13. (withdrawn): The host cell according to claim 11, wherein the filamentous

fungus is a microorganism belonging to genus Humicola, Trichoderma, Staphylotrichum,

Aspergillus, Fusarium, or Acremonium.

14. (withdrawn): The host cell according to claim 13, the filamentous fungus is

Humicola insolens or Trichoderma viride.

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15. (withdrawn and currently amended): A process for producing the protein

according to $\underline{\mathsf{elaim}}\, 1\underline{\mathsf{claim}}\, 6,$ comprising the steps of:cultivating a host cell transformed with an

expression vector comprising a polynucleotide encoding the protein according to elaim 1 claim 6,

and

collecting the protein from the host cell or a culture obtained by the cultivation.

16. (currently amended): An isolated protein produced by the a process according to

elaim 15comprising:

cultivating a host cell transformed with an expression vector comprising a polynucleotide

encoding the protein according to claim 6; and

collecting the protein from the host cell or a culture obtained by the cultivation.

17. (previously presented): A cellulase preparation comprising the protein according

to claim 1.

18. (previously presented): A detergent composition comprising the protein

according to claim 1.

19. (withdrawn): A method of treating a cellulose-containing fabric, comprising the

step of bringing the cellulose-containing fabric into contact with the protein according to claim 1.

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 (withdrawn): A method of reducing fuzzing of a cellulose-containing fabric or reducing a rate of the formation of fuzz, comprising the step of bringing the cellulose-containing

fabric into contact with the protein according to claim 1.

21. (withdrawn): A method of reducing weight to improve the touch feel and

appearance of a cellulose-containing fabric, comprising the step of bringing the cellulose-

containing fabric into contact with the protein according to claim 1.

22. (withdrawn): A method of color clarification of a colored cellulose-containing

fabric, comprising the step of bringing the colored cellulose-containing fabric into contact with

the protein according to claim 1.

23. (withdrawn): A method of providing a localized color change to a colored

cellulose-containing fabric, comprising the step of bringing the colored cellulose-containing

fabric into contact with the protein according to claim 1.

24. (withdrawn): A method of reducing stiffness of a cellulose-containing fabric or

reducing a rate of the formation of stiffness, comprising the step of bringing the cellulose-

containing fabric into contact with the protein according to claim 1.

25. (withdrawn): The method according to claim 19, wherein the treatment of the

fabric is carried out by soaking, washing, or rinsing the fabric.

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26. (withdrawn): A method of deinking waste paper, comprising the step of treating the waste paper with the protein according to claim 1.

- 27. (withdrawn): A method of improving a water freeness of paper pulp, comprising the step of treating the paper pulp with the protein according to claim 1.
- **28.** (withdrawn): A method of improving a digestibility of animal feed, comprising the step of treating a cellulose-containing fabric with the protein according to claim 1.